

Transactions

of the

ASME

SOCIETY RECORDS

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Indexes to ASME Papers and Publications

THIS and the following pages will serve as a guide to the current publications of the ASME.

Regular Society Publications, 1949

Mechanical Engineering, monthly (see index on page SR-51)
ASME Transactions, monthly (see Index on page SR-71)
Journal of Applied Mechanics, quarterly (see index on page SR-79)
ASME Mechanical Catalog and Directory, 1950 edition.
Applied Mechanics Reviews, monthly.

Publications Issued in 1949

1948 ASME Transactions (bound form)
Technical Papers of the Heat Transfer and Fluid Mechanics Institute
Internal-Combustion Turbines
Symposium on Water Hammer
Materials Handling, 1949
1948 Proceedings of the Oil and Gas Power Conference
Diesel Lubricating Oils and Basic Principles of Lubrication
The First 50 Years of Diesel Engines in America
Gaseous Fluid Flow in Relation to Diesel and Internal-Combustion-Engine Design
1948 Oil Engine Power Cost Report
Example Sections for a Smoke-Regulation Ordinance
Symposium on Heat Cycle
Biography of Frank and Lillian Gilbreth
Safety Codes and Standards
1949 Addenda to Low-Pressure Heating, Locomotive, Miniature, and Power Boiler Codes; Unfired Pressure Vessel Code, Welding Qualifications, and Specifications for Materials
1950 Unfired Pressure Vessel Code
Plumbing Code
Unified and American Screw Threads
Nomenclature, Definitions, and Letter Symbols for Screw Threads
Plain Washers
Straight Cut-Off Blades for Lathes and Screw Machines
T-Slots, Their Bolts, Nuts, Tongues, and Cutters
Reamers
Markings for Grinding Wheels
Graphical Symbols for Welding; and Instructions for Their Use
Graphical Symbols for Plumbing
Graphical Symbols for Pipe Fittings, Valves and Piping
Graphical Symbols for Heating, Ventilating, and Air-Conditioning
Letter Symbols for Gear Engineering
Letter Symbols for Structural Analysis
Plant Layout Templates and Models
Supplement No. 1 to 1939 Standard on Steel Pipe Flanges and Flanged Fittings
Ferrous Plugs, Bushings, and Locknuts
Brass or Bronze Screw Fittings 250 Lb
Stainless Steel Pipe
Power Test Codes
Centrifugal, Mixed-Flow and Axial-Flow Compressors and Exhausters
Hydraulic Prime Movers
Internal-Combustion Engines
Steam Turbines
Appendix to Test Code for Steam Turbines

How to Find Papers Presented at 1949 ASME Meetings

THE technical programs of the meetings of the Society and of its Professional Divisions have been published in *Mechanical Engineering* and may be located by consulting the index on pages SR-51 to SR-69. A majority of these papers were published, or will

be published, in *Mechanical Engineering* or the Transactions (including the *Journal of Applied Mechanics*) and may be located by reference to the indexes of these publications.

Publications Developed by the Technical Committees

THE Society's technical committees, the first of which was organized many years ago and all of which have been continuously at work on codes, standards, research, and other special reports, have developed a series of publications of permanent value to the membership. The following list is presented here for record and for ready reference. This list covers the works of these committees together with dates of publications and prices. A discount of 20 per cent is allowed to ASME members on all publications except where otherwise noted.

ASME AMERICAN STANDARDS

BOLT, NUT, AND RIVET PROPORTIONS

Large Rivets (B18.4—1937), \$0.80
Flow Bolts (B18f—1928), \$0.45
Round Unslotted-Head Bolts (B18.5—1939), \$0.60
Socket-Head Cap Screws and Socket-Set Screws (B18.3—1947), \$0.60
Slotted-and-Recessed-Head Screws (B18.6—1947), \$1.00
Small Rivets (B18a—1927 with 1942 Addendum), \$0.40
Tinnern's, Coopers', and Belt Rivets (B18g—1928, with 1942 Addendum), \$0.45
Track Bolts and Nuts (B18d—1930), \$0.50
Wrench-Head Bolts and Nuts and Wrench Openings (B18.2—1941) \$0.80

PIPING AND PIPE FITTINGS

Air Gaps and Backflow Preventers in Plumbing Systems (A40.4—1942 and A40.6—1943), \$0.55
Brass Fittings for Flared Copper Tubes (A40.2—1936), \$0.45
Bronze or Brass Screwed Fittings for 125 Lb (B16.15—1947) \$0.65
Bronze or Brass Screwed Fittings for 250 Lb (B16.17—1949), \$0.35
Cast-Iron Pipe Flanges and Flanged Fittings for 25 Lb Maximum Saturated Steam Pressure (B16b2—1947), \$0.50
Cast-Iron Pipe Flanges and Flanged Fittings Class 125 (B16a—1948), \$0.65
Cast-Iron Pipe Flanges and Flanged Fittings Class 250 (B16b—1944), \$0.55.
Cast-Iron Pipe Flanges and Flanged Fittings for Refrigerant Piping, Class 300 (B16.16—1948), \$0.45
Cast-Iron Pipe Flanges and Flanged Fittings for 800 Lb Maximum Hydraulic Pressure (B16b1—1931), \$0.45.
Cast-Iron Soil Pipe and Fittings (A40.1—1935), \$0.80
Cast-Iron Long Turn Sprinkler Fittings for 150 and 250 Lb Maximum Saturated Steam Pressure (B16g—1929) and Addendum (B16g1—1937), \$0.60
Cast-Iron Screwed Fittings for 125 and 250 Lb Maximum Saturated Steam Pressure (B16d—1941), \$0.50
Cast-Iron Screwed Drainage Fittings (B16.12—1942), \$0.55
Code for Pressure Piping (B31.1—1942), \$2.50
Supplement No. 2 to 1942 Code for Pressure Piping, \$0.60
Face-to-Face Dimensions of Ferrous Flanged and Welding End Valves (B16.10—1939), \$0.65
Ferrous Plugs, Bushings, Lock Nuts, and Caps (B16.14—1943), \$0.50
Malleable-Iron Screwed Fittings for 150 Lb Maximum Saturated Steam Pressure (B16c—1939), \$0.60
Pipe Threads (B2.1—1945), \$1.50
Scheme for the Identification of Piping Systems (A13—1928), \$0.60

Steel Pipe Flanges and Flanged Fittings for 150 to 2500 Lb Maximum Steam Service Pressure (B16e—1939), \$1.50
 Supplement No. 1 to the 1939 Standard on Steel Pipe Flanges and Flanged Fittings (B16Eg—1949), \$0.40
 Stainless Steel Pipe (B36.19—1949), \$0.30
 Soldered-Joint Fittings (A40.3—1941), \$0.55
 Steel Butt-Welding Fittings (P16.9—1940), \$0.50
 Steel-Socket Welding Fittings (B16.11—1946), \$0.60
 Threaded Cast-Iron Pipe for Drainage, Vent, and Waste Services (A40.5—1943), \$0.30
 Wrought-Iron and Wrought-Steel Pipe (B36.10—1939), \$0.60

LETTER AND GRAPHICAL SYMBOLS AND CHARTS

Abbreviations for Scientific and Engineering Terms (Z10.1—1941), \$0.45
 Abbreviations for Use on Drawings (Z33.13—1946), \$1.00
 Drawings and Drafting-Room Practice (Z14.1—1946), \$1.50
 Engineering and Scientific Charts for Lantern Slides (Z15.1—1932), \$0.60
 Engineering and Scientific Graphs for Publications (Z15.3—1943), \$0.90
 Graphical Symbols for Welding and Instructions for Their Use (Z32.2.1—1949), \$0.50
 Graphical Symbols for Plumbing (Z32.2.2—1949), \$0.40
 Graphical Symbols for Pipe Fittings, Valves, and Piping (Z32.2.3—1949), \$0.40
 Graphical Symbols for Heating, Ventilating, and Air Conditioning (Z32.2.4—1949), \$0.40
 Letter Symbols for Chemical Engineering (Z10.12—1946), \$0.50
 Letter Symbols for Gear Engineering (B6.5—1949), \$0.30
 Letter Symbols for Hydraulics (Z10.2—1942), \$0.45
 Letter Symbols for Mechanics of Solid Bodies (Z10.3—1948), \$0.30
 Letter Symbols for Heat and Thermodynamics (Z10c—1943), \$0.65
 Letter Symbols for Structural Analysis (Z10.8—1949), \$0.35
 Letter Symbols for Physics (Z10.6—1948), \$1.00
 Time Series Charts (Z15.2—1938), \$1.50

AMERICAN STANDARDS—MISCELLANY

Indicating Pressure and Vacuum Gages (B40—1939), \$0.50
 Preferred Thickness for Uncoated Thin Flat Metals (B32.1—1941), \$0.30
 Inspection and Tolerances for Gears (B6—1946), \$0.80
 Plant Layout Templates and Models (Published 1949), \$0.40
 Preferred Standards for Large 3600-Rpm 3-Phase 60-Cycle Condensing Steam Turbine-Generators (published 1945), \$0.30
 Operation and Flow Process Charts, 1947, \$0.75
 Self-Appraisal Form for Use of Industrial Plants, 1947, \$0.75
 Shaft Couplings (B49—1947), \$0.45
 Spring Lock Washers (B27.1—1944), \$0.35
 Spur Gear Tooth Form (B6.1—1932), \$0.55
 Surface Roughness, Waviness, and Lay (B46.1—1947), \$0.45

SMALL TOOLS AND MACHINE TOOL ELEMENTS

Machine Tapers (B5.10—1943), \$0.75
 Milling Cutters (B5c—1930), \$0.90
 Nomenclature for Milling Cutter Teeth (B5c1—1947), \$0.70
 Reamers (B5.14—1949), \$1.00
 Taps—Cut and Ground Threads (B5.4—1948), \$1.50
 Terminology and Definitions for Single-Point Cutting Tools (B5.13—1939), \$0.50
 Adjustable Adapters (B5.11—1937), \$0.60
 Chucks and Chuck Jaws (B5.8—1936), \$0.55
 Circular and Dovetailed Forming Tool Blanks and Holding Elements (B5.7—1948), \$0.60
 Markings for Grinding Wheels (B5.17—1949), \$0.30
 Involute Splines, Side Bearings (B5.15—1946), \$0.80
 Jig Bushings (B5.6—1941), \$0.45
 Spindle Noses and Arbors for Milling Machines (B5.18—1943), \$0.30
 Spindle Noses for Toolroom Lathes (B5.9—1948), \$0.85
 Straight Cut-Off Blades for Lathes and Screw Machines (B5.21—1949), \$0.30
 Rotating Air Cylinders and Adapters (B5.5—1932), \$0.45
 Tool Shanks and Tool Posts (B5.2—1943), \$0.45
 Tool Life Tests (B5—1946), \$0.55
 T-Slots, Their Bolts, Nuts, Tongues, and Cutters (B5a—1949), \$0.45
 Twist Drills (B5.12—1940), \$0.65
 Code for Design of Transmission Shafting (B17c—1927), \$0.90
 Shafting and Stock Keys (B17.1—1943), \$0.55
 Woodruff Keys, Keyslots, and Cutters (B17f—1930), \$0.45

SCREW THREADS AND THREADING TOOLS

Fire Hose Coupling Screw Thread (B26—1947), \$0.30
 Hose Coupling Screw Threads (B33.1—1947), \$0.30
 Limits and Fits in Engineering and Manufacturing (B4.1—1947), \$0.30
 Rolled Threads for Screw Shells of Electric Sockets and Lamp Bases (C44—1946), \$0.45
 Unified and American Screw Threads (B1.1—1949), \$3.00
 Nomenclature, Definitions and Letter Symbols for Screw Threads (B1.7—1949), \$0.50
 Screw Threads for High-Strength Bolting (B1.4—1945), \$0.30
 Screw Thread Gages and Gaging (B1.2—1941), \$0.75
 Acme and Other Translating Threads (B1.3—1941), \$0.55
 Tolerances, Allowances, and Gages for Metal Fits (B4a—1925), \$0.60

BOILER CONSTRUCTION CODE

1949 Editions

Boilers of Locomotives, \$1.00
 Low-Pressure Heating Boiler Code, \$1.00
 Miniature Boiler Code, \$0.75
 Power Boiler Code, \$2.75
 Material Specifications, \$5.00
 Suggested Rules for Power Boilers, \$1.25
 Unfired Pressure Vessel Code, \$2.25
 1950 Unfired Pressure Vessel Code, \$3.00
 Welding Qualifications, \$0.90
 Boiler Code Interpretation Service, \$5.00 annually
 API-ASME Code for Unfired Pressure Vessels
 1943 Edition, with 1944 Supplement, \$2.00

POWER TEST CODES AND AUXILIARY SECTIONS

TEST CODES FOR

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 Centrifugal, Mixed-Flow and Axial-Flow Compressors and Exhausters (1949), \$1.50
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 Reciprocating Steam Engines (1949), \$0.80
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 Steam Condensing Apparatus (1938), \$0.80
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 Appendix to Steam Turbine Test Code (1949), \$2.00

INSTRUMENTS AND APPARATUS

General Instructions (1945), \$0.55
 Definitions and Values (1945), \$0.80
 Part 1—General Considerations (1935), \$0.45
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 Chapter 1, Barometers; Chapter 6, Tables, Multipliers, and Standards (1941), \$0.75
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